

## SECTION 10 1410

### SIGNAGE, INTERIOR

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#### LANL MASTER SPECIFICATION

When editing to suit Project, author shall add job-specific requirements and delete only those portions that do not apply to the Project (e.g., a component that does not apply). To seek a variance from applicable requirements, contact the Engineering Standards Manual (ESM) Architectural POC. Refer to [http://engstandards.lanl.gov/engrman/HTML/poc\\_techcom1.htm#arch](http://engstandards.lanl.gov/engrman/HTML/poc_techcom1.htm#arch) for the Engineering Standards Manual Personnel Link Index.

Applicability of this specification is intended for new facilities and additions to, or enlargement of, existing facilities funded by capital expenditure. The specification is optional but encouraged for use in other applications.

When assembling a specification package, include applicable specifications from all Divisions, especially Division 1, General Requirements.

Delete information within "stars" during editing.

Specification developed for ML-3 / ML-4 projects. For ML-1 / ML-2, additional requirements and QA reviews are required.

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#### PART 1 GENERAL

##### 1.1 Work Included

- A. Interior Signage for lobby directories, room identification, directional/wayfinding, stairwell, roof access, areas of refuge, restroom, elevator and other pictograph signs.

##### 1.2 STANDARDS

- A. Signs provided shall comply with ADA requirements as defined in ADAAG.
- B. Provide any signage required by the UBC and/or NFPA Codes and Standards.

##### 1.3 SUBMITTALS

- A. Submit shop drawings and sign schedule(s) listing sign type, location, size, letterform and letter heights.
- B. Submit one sample sign of type and style, including method of attachment.
- C. Submit supplier's standard color samples for purposes of color selection of ADA appliqué. Color samples can be actual materials used in signage or color charts.
- D. Submit copy of manufacturer's product warranty.

#### 1.4 CLOSEOUT DOCUMENTATION

- A. Provide copy of manufacturer's recommended care and cleaning methods
- B. Provide written copy of manufacturer's warranty and contact.
- C. Provide template file to end-user as described in 2.2.A.2 below.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURER

- A. Vista System-MCFT as distributed by Century Sign Builders, 2701 Girard Blvd NE, Albuquerque, NM 87107 or equal.

#### 2.2 MATERIALS

- A. Provide Interior Signs constructed with changeable message inserts and curved aluminum frame with the following characteristics:
  - 1. Insert.
    - a. Provide tactile lettering and symbols formed using rotary engraving method and bonded to sign plaque using 3M Scotch 467HP adhesive. Lettering and symbols to have 1/32 inch return cut to 22 degree angle. Letters, and symbols to be constructed with materials having embedded coloration that is the final approved color for the signs. Products with painted or otherwise applied coloration method are not acceptable.
    - b. Provide Text accompanied by Grade 2 Braille on signs requiring Braille.
    - c. Provide all letters, numbers and/or symbols with a 70% contrast to the plaque color of the sign as required by ADA regulations.
    - d. Provide sign plaques, lettering, and symbols with a matte finish.
    - e. Provide Insert Base constructed using 0.0625" single-ply non-glare acrylic multipolymer material.
  - 2. Changeable Insert
    - a. Fabricate changeable message insert from commonly available transparency media that is compatible with inkjet or laser printers.
    - b. Provide manufacturer's template file to end-user / client allowing for new inserts to be created. Template file to integrate with LANL's already existing software environment and must not require the implementation of new or proprietary software.
  - 3. Opaque Insert

- a. Opaque graphic insert to be created using any approved printing process on silver paper with 80% screened LANL "atom" logo.
4. Curved Aluminum Sign Frame
- a. Provide curved aluminum sign frame with interchangeable faceplates constructed to remain flat under installed conditions and within tolerance of plus or minus .015" when measured diagonally.
  - b. Construct aluminum frame from curved aluminum extrusions and contoured frame edge profiles with two (2) interlocking screw mounted ABS plastic end caps.
  - c. Provide aluminum frame capable of containing both the opaque insert and changeable identification insert behind the outer clear ADA insert.
  - d. Provide suction cup tool for changing inserts in the aluminum frame.
  - e. Provide black ABS plastic end caps.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Mount signs using double vinyl foam tape (1/16" thickness) and silicon adhesive (when necessary) when mounting to wall. If conditions warrant, use anti-corrosive screws into substantial substrate.
- B. [Mount I signs on modular office partitions using fabric pins or velcro on fabric surfaces or by method A (above) if on ridged smooth surfaces].
- C. Mount ADA wall signs in accordance with ADAAG.
- D. If condition 3.1 C cannot be met, obtain approval from Architect to install in alternate location.

### 3.2 CLEANING AND MAINTENANCE

- A. Repair scratches or other minor damage, which might have occurred during installation.
- B. Clean installed product using only manufacturer recommended products.

### 3.3 SCHEDULE OF SIGNS

- A. [ provide schedule to include all signs to be furnished and installed]

END OF SECTION

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Do not delete the following reference information.

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FOR LANL USE ONLY

This project specification is based on LANL Master Specification Section 10 1410 Rev. 0, dated February 27, 2006.